



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
P0038103	THY001-VC	1	1	Net 30	M7075T6S2.000X2.750	7075-T6S Sheet 2" Thick Plate X 2.75" Wide				51	10/27/2017	51		S002811	Stock	10/27/2017	\$ 29.31 / ft	0		\$1,495.00	Thyssenkrupp Materials CA Ltd
Total:										51		51								\$1,160.31	

Plex 10/27/2017 8:20 AM Dart Plouffe Sonia

J-C

580

B I L L O F L A D I N G

No: PEC 70344

Ship From: THYSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 25Oct17 at 12:09 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Al gyl
Crot

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-105689- 1 Your PO # 38103
ALUMINUM PLATE 7075-T651
2.00" THICK X 2.7500" X 51.0000"

MTR

DAS	Heat Number	Tag No	Quantity	PCS	Wt LBS
9	BB24812	704286	11.69 SFT	12	381
9-50					
			Tags	PCS	LBS
			1	12	381
			TOTAL:		

Heat Number BB24812 *** Chemical Analysis ***

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 SKID GW. 405 LBS

*CUSTOMER PICK-UP HRS AT THYSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

Stan Dawson

SEP 10-27

AC

Page: 1Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

No: PEC 70344

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 25Oct17 at 12:09 From PFW
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Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.***

***POUR VOS BESOINS D'ACIER INOXYDABLE,

CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

Page: 2 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
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THYSSENKRUPP MATERIALS NA

PO/Rel 38103

DART AEROSPACE
ALUMINUM PLATE 7075-T651
2.00" THICK X 2.7500" X 51.0000"
PART NO.

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results
BL PEC-070344-001
25Oct17
Pg 1/1

Signed by:

PRODUCT QUALITY CERTIFICATE

NSL/MC-DR-21-1A

Comphai Industrial Zone, Longhai, Shengdong, China
http://www.nanshan.com.cn
Tel: +86-0535-6130836 Fax: +86-0535-5130836
(No.): PE-211-201704697

Customer	ThyssenKrupp Copper and Brass	Customer Production Code	AL 11460399	Product	Aluminum Plate	Order No.	5400341394-R01		
Alloy Temper	Size (inch)	Lot No.	Technique Standard		Pieces	Boxes	No.	Weight(kgs)	
7075-T651	2750.57144.5	BB24812	ASTM B209-2014, AMS QQA-25012 AMS 4045		2	1	1	3768	

Standard values for a single column content value, aluminum as the minimum standard, other elements as the highest limit

Chemistry	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Other Elements	Other Elements Total	AI	
Standard Value	0.40	0.50	1.2-2.0	0.30	2.1-2.8	0.18-0.28	/	5.1-6.1	0.20	0.05	0.15	Remainder	
Measured Value	0.0570	0.1148	1.6864	0.0333	2.5839	0.2044	/	5.5070	0.0337	/	<0.05	<0.15	Remainder

Structure, Property and Other

Temper	Direction of Sampling	Tensile Strength		Yield Strength		Elongation%	
		Standard Value	Measured Value	Standard Value	Measured Value	Standard Value	Measured Value
T651	Transverse	277	80.3-81.3	267	68.5-69.2	26	11.5-13.0
Structure Inspection	Microstructure	Macrostructure	UT	Conductivity	Sec	Surface	Size
Determine	/	/	/	/	/	Qualified	Qualified
Thickness of cladding layer							
Notes							

We certify that the material described has been manufactured, tested and inspected in accordance with technique standard and has met the requirement.

Inspector:

H1203

Audit:

P1215

Date: APRIL 19, 2017

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075-4652.000x2.750

PO / BATCH NO.: 038103/5002811

DATE: 17-11-28

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 51 PCS
 QUANTITY INSPECTED: 51 PCS
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2"
 THICKNESS RECEIVED: 2"
 SHEET SIZE ORDERED: NA
 SHEET SIZE RECEIVED: NA

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/>	QQ-A-250/12
CORRECT THICKNESS	Y <input checked="" type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/>	BB24812
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>pel</u> DATE: <u>17-11-28</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

DAS
9-044
2.000"

PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE
SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12
OR AMS 4048
OR ASTM B209

OR

PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13
OR AMS 4048 / 4049
OR ASTM B209

PART NUMBER: M7075T6S | TTT | X | W.WWW |
| THK | | WIDTH |

WHERE "TTT" = THICKNESS (IN INCHES)
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)
EG. 0.063" THICK SHEET = M7075T6S.063
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

PREFERRED SIZE: .TTT BY 4FT BY 10FT FOR SHEET

RELEASED

2017 JUN 19
ECN 17-574

APPROVED

REV.	DESCRIPTION	BY	DATE
B	ADD REF TO PLATE: T651 TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CARB-149)	CP	17.05.05
A	NEW ISSUE	RF	10.11.08
DESIGN	RF		
DRAWN	CP		
CHECKED	ML		
MFG. APPR.	LL		
APPROVED	WM		
DE APPR.	DS		
DATE	17.05.05		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO. M7075T6S
REV. B
SHEET 1 OF 1
SCALE NTS

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Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038103

Supplier: THY001-VC
Thyssenkrupp Materials CA Ltd
O/A VPK Metal- c/o T27540
PO Box 4275, Postal"A"
Toronto
ON
M5W 5V8 Canada
Phone: 905 669 9444
Fax: 905 738 9033

PO No: PO038103
PO Date: 10/20/17
Due Date: 10/27/17
**Purchase Order
Revision:**

Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pynt Terms: Net 30

Freight Terms:
Special Comments:

E-MAILED
2017/10/20

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Items

Line Item	Part	Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M7075T6S2.000X2.750	-	7075-T6S Sheet 2" Thick Plate X 2.75" Wide		Firmed	10/27/17	51 ft	0 ft	51 ft	\$29.3137/ft	\$1,495.00

Line Item Note MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

NOTE: CUT TO SIZE 12 PCS @ 51" LONG

SP1710-27.

Grand Total: \$1,495.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/20/17 3:09 PM dart.baker.diane